

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005677.D
 Acq On : 16 Aug 2021 17:51
 Operator : SY/MD
 Sample : M3389-01
 Misc : 4.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-21

Quant Time: Aug 17 05:20:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

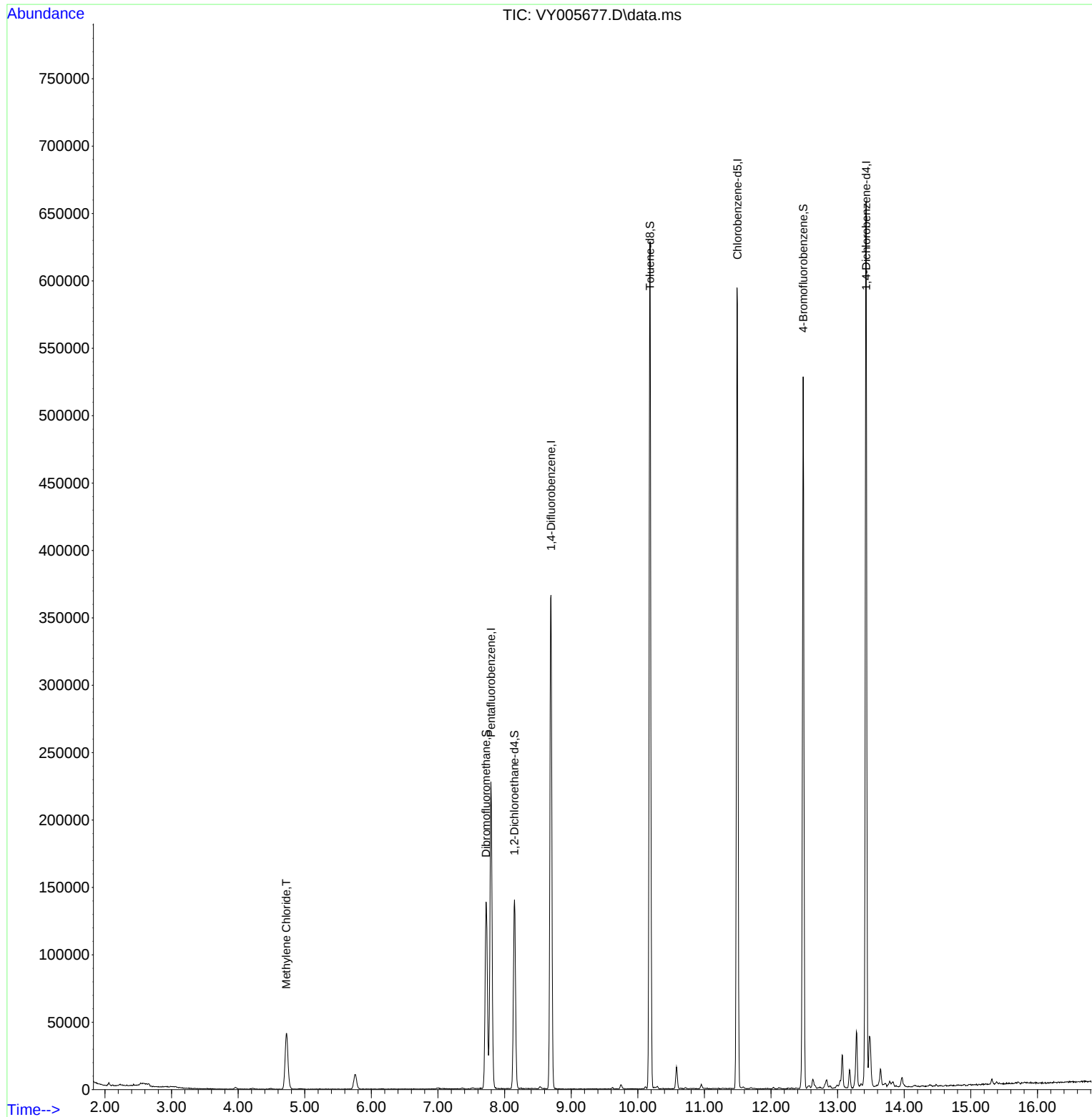
Internal Standards						
1) Pentafluorobenzene	7.795	168	181606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114634	62.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.722	113	93716	53.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.420%	
50) Toluene-d8	10.185	98	404122	55.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.460%	
62) 4-Bromofluorobenzene	12.483	95	143035	59.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.060%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	29132	11.145	ug/l	96

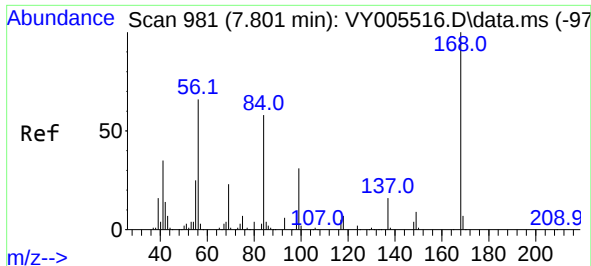
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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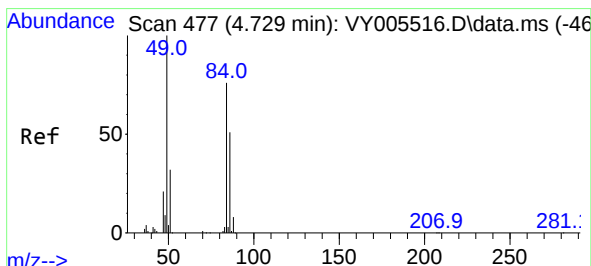
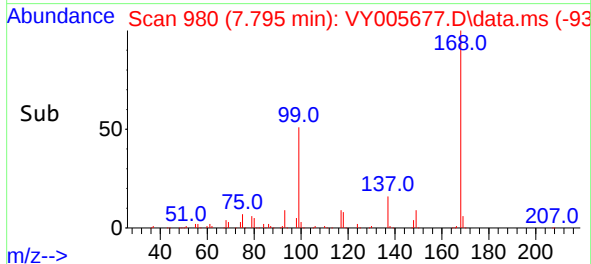
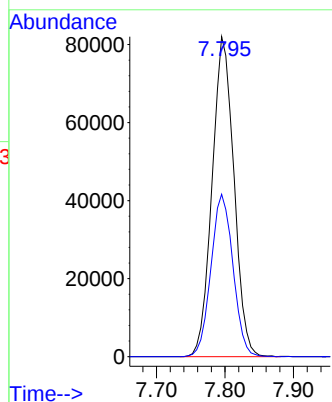
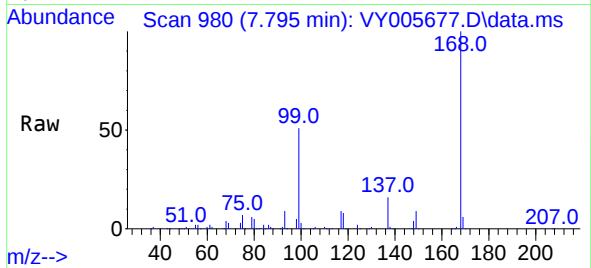




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005677.D
Acq: 16 Aug 2021 17:51

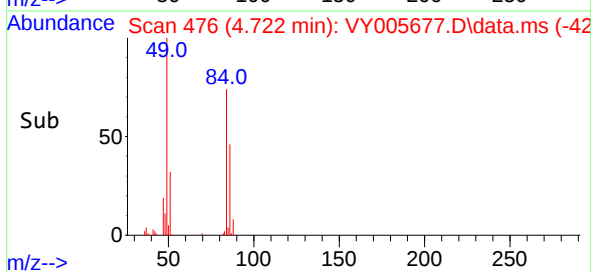
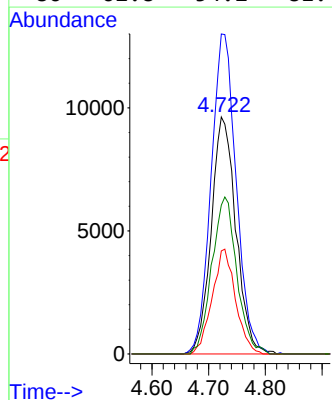
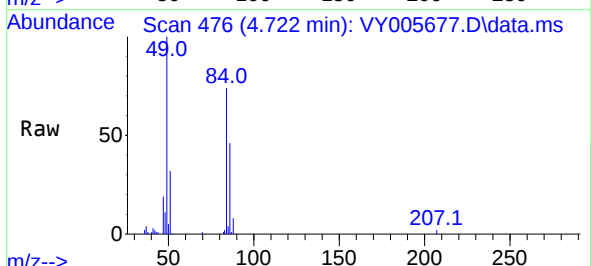
Instrument :
MSVOA_Y
ClientSampleId :
CRT-21

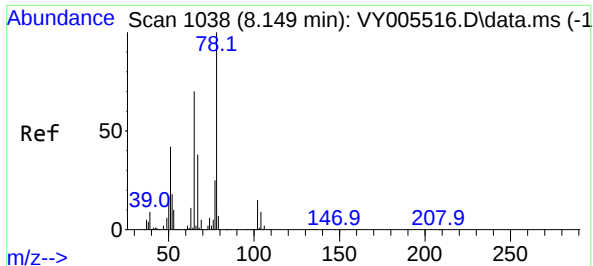
Tgt Ion:168 Resp: 181606
Ion Ratio Lower Upper
168 100
99 50.7 38.9 58.3



#20
Methylene Chloride
Concen: 11.145 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005677.D
Acq: 16 Aug 2021 17:51

Tgt Ion: 84 Resp: 29132
Ion Ratio Lower Upper
84 100
49 135.1 105.8 158.6
51 43.5 33.4 50.2
86 62.8 54.2 81.4

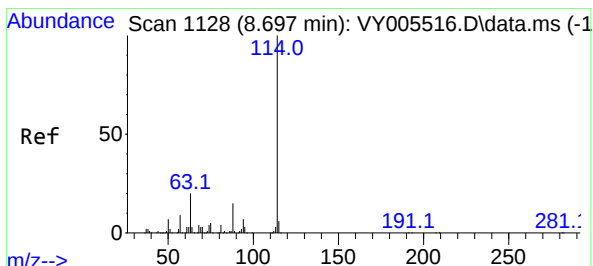
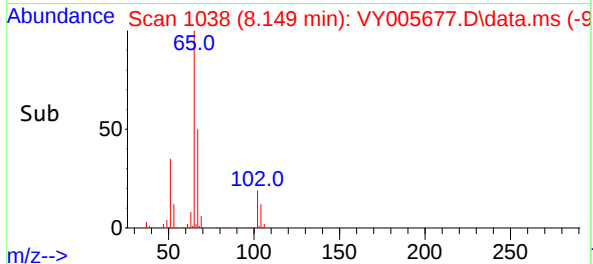
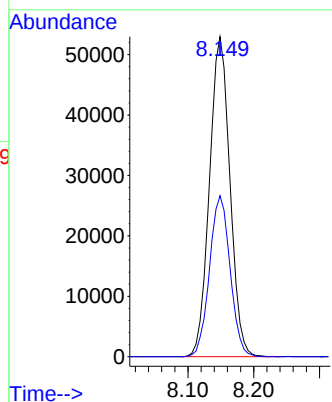
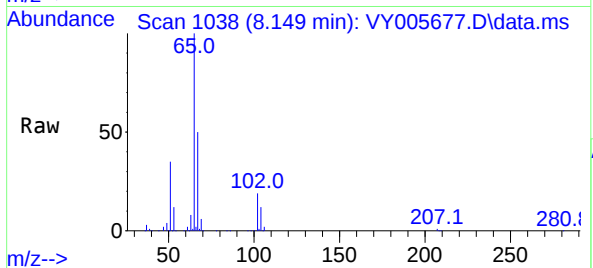




#33
1,2-Dichloroethane-d4
Concen: 62.359 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005677.D
Acq: 16 Aug 2021 17:51

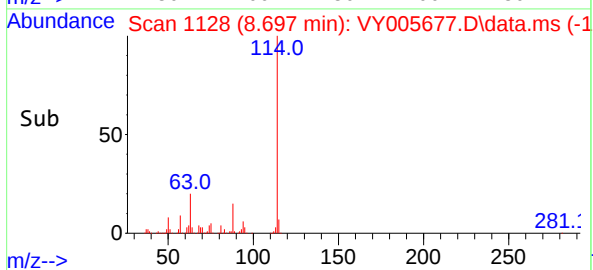
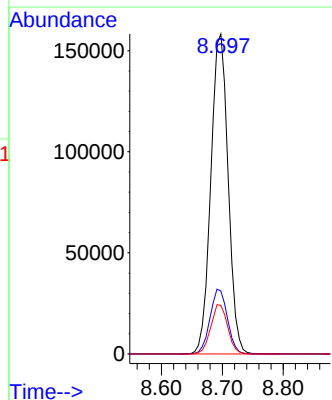
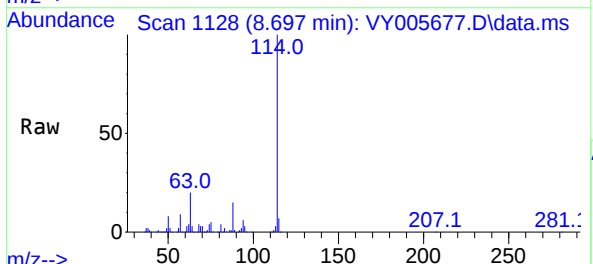
Instrument :
MSVOA_Y
ClientSampleId :
CRT-21

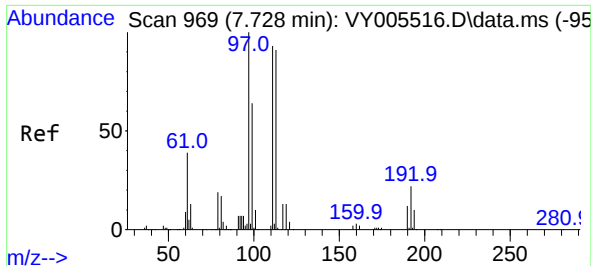
Tgt Ion: 65 Resp: 114634
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005677.D
Acq: 16 Aug 2021 17:51

Tgt Ion:114 Resp: 311623
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.715 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005677.D

Acq: 16 Aug 2021 17:51

Instrument :

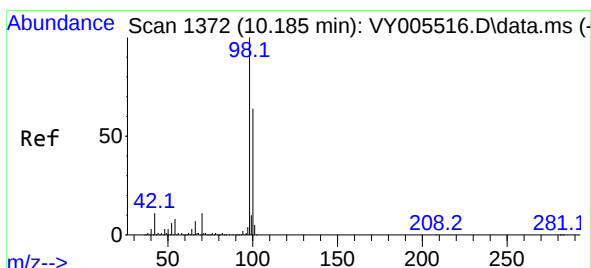
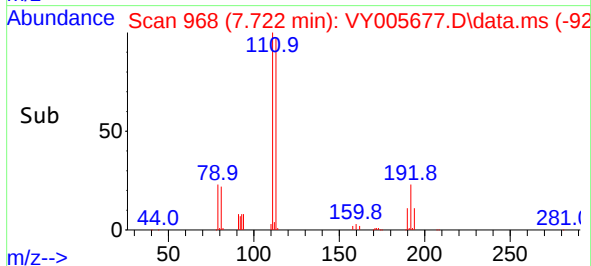
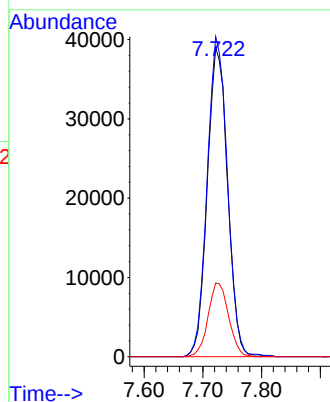
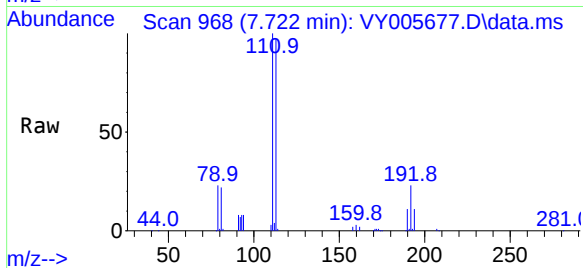
MSVOA_Y

ClientSampleId :

CRT-21

Tgt Ion:113 Resp: 93716

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	24.1	19.2	28.8



#50

Toluene-d8

Concen: 55.229 ug/l

RT: 10.185 min Scan# 1372

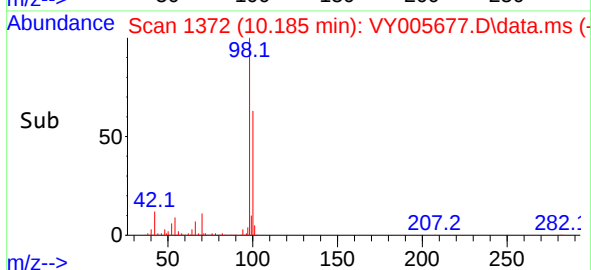
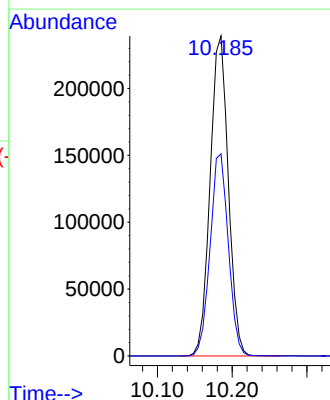
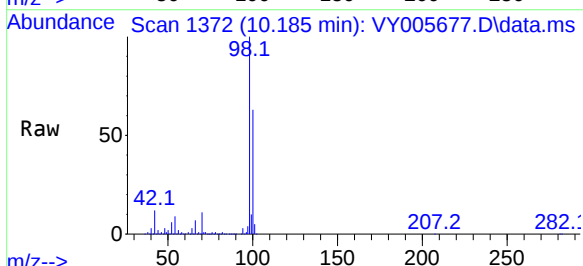
Delta R.T. -0.000 min

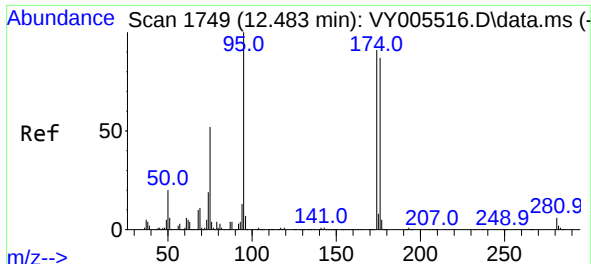
Lab File: VY005677.D

Acq: 16 Aug 2021 17:51

Tgt Ion: 98 Resp: 404122

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.3	76.9



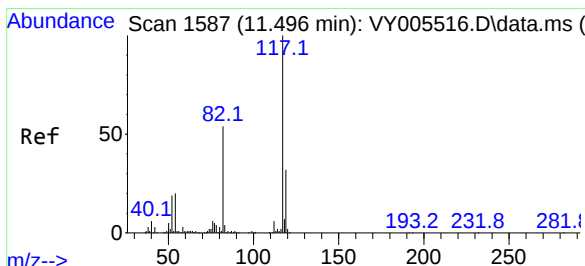
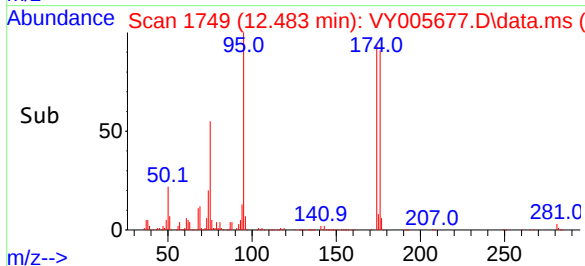
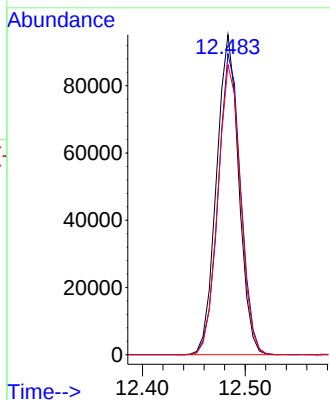
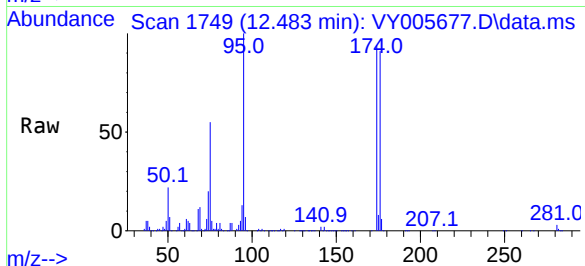


#62
4-Bromofluorobenzene
Concen: 59.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005677.D
Acq: 16 Aug 2021 17:51

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Tgt Ion: 95 Resp: 143035

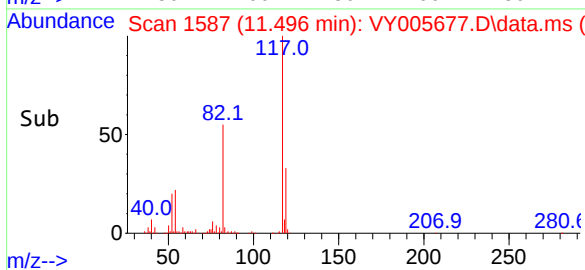
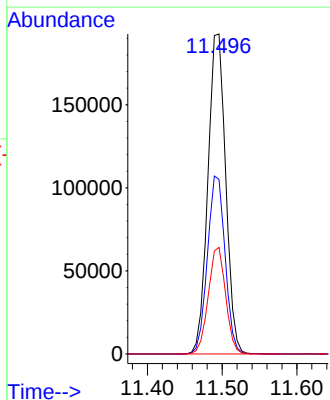
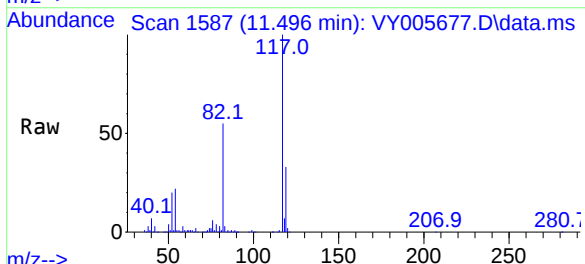
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	191.4
176	92.2	0.0	183.6

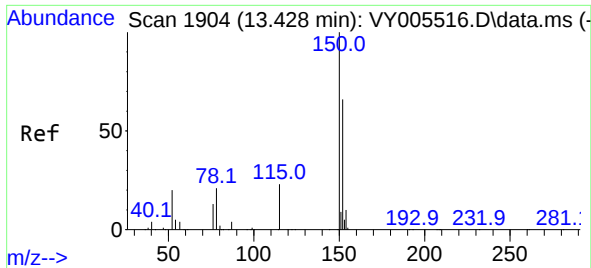


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005677.D
Acq: 16 Aug 2021 17:51

Tgt Ion: 117 Resp: 319256

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.5	65.3
119	33.3	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005677.D
 Acq: 16 Aug 2021 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-21

Tgt Ion:152 Resp: 167796
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 158.0 0.0 350.2

